

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004169

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04B10/152 H04B10/12 G01B9/02 H04K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B G01B H04K H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| X | US 5 223 967 A (UDD ERIC) 29 June 1993 (1993-06-29) column 1, line 25 - column 6, line 20; figures 1-6 ----- | 1-44 |
| A | GUPTA G C ET AL: "Capacity bounding of coherence multiplexed local area networks due to interferometric noise" IEE PROCEEDINGS: OPTOELECTRONICS, INSTITUTION OF ELECTRICAL ENGINEERS, STEVENAGE, GB, vol. 144, no. 2, 21 April 1997 (1997-04-21), pages 69-74, XP006008829 ISSN: 1350-2433 page 69, left-hand column, paragraph 1 - page 70, left-hand column, paragraph 2 ----- | 37 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

10 January 2005

Date of mailing of the international search report

14. JAN. 2005.

Name and mailing address of the ISA

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Information on patent family members

Inte onal Application No
PCT/GB2004/004169

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|-------------------------|------------------|
| US 5223967 | A 29-06-1993 US | 5311592 A | 10-05-1994 |